

CONSTANT FORCE SOCKET

ABSTRACT OF THE DISCLOSURE

5 A constant force socket is constructed to include a socket body, which has an inner hole at one end and a set of teeth radially disposed inside the inner hole, a ratchet wheel, which is mounted inside the inner hole of the socket body and has a tool hole at one side and a set of radially arranged teeth at an opposite side, a screw member threaded into the inner hole of the socket body, and a compression spring supported
10 between the ratchet wheel and the screw member to force the teeth of the ratchet wheel into engagement with the teeth of the socket body.